EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|--|--|---------------------|---------|------------------|
| L1 | 194 | ((grid\$2 or grating\$2) near5 resona\$5) and diffract\$ and (subwavelength or sub? wavelength or ((less or sub) near3 wavelength)) and interfer\$ and ((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with reflect \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 11:22 |
| L2 | 82 | 1 and (propagat \$4 near 4 (valu\$2 or const ant \$2 or f act or \$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 11:24 |
| L3 | 9 | ((grid\$2 or grating\$2) near5 resona\$5) and (filter\$4) and (subwavelengt h or sub? wavelengt h or ((less or sub) near3 wavelengt h)) and (propagat \$4 near 4 (valu\$2 or const ant \$2 or factor\$2)) and ((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with reflect \$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/20 12:09 |
| L4 | 143 | ((grid\$2 or grating\$2) near4 (diffract\$4 or resona\$5)) and (filter \$4 with wavelength\$2) and (subwavelength or sub?wavelength or ((less or sub) near3 wavelength)) and ((propagat\$4 near4 (valu \$2 or const ant\$2 or factor\$2)) and (((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with reflect \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/20 12:09 |

| L5 | 518 | ((grid\$2 or grating\$2) near4 (diffract\$4 or resona\$5)) and filter\$4 and (propagat\$4 near4 (valu\$2 or constant\$2 or factor\$2)) and (((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with reflect \$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | N | 2010/01/20 12:27 |
|-----|-----|---|--|----|----------|------------------|
| L6 | 308 | (((grid\$2 or grating\$2) near4 (diffract\$4 or resona\$5)) and interfer \$ and ((color or wavelengt h\$) wit h filter \$4) and (propagat\$4 near4 (valu\$2 or const ant\$2 or fact or \$2)) and ((waveguid\$4 or wave?guid\$4 or (wave near3 guid\$4)) wit h reflect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | N N | 2010/01/20 12:28 |
| L13 | 1 | ("4514459").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/20 12:46 |
| L14 | 15 | ("5407738").URPN. | USPAT | OR | ON | 2010/01/20 12:46 |
| L15 | 2 | ("5472798").PN. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | OFF | 2010/01/20 12:55 |
| L19 | 153 | (((color or wavelengt h\$) with filt er\$4) and (propagat \$4 near4 (valu \$2 or fact or\$2)) and (((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with reflect \$4) same ((grid\$2 or grating\$2) near4 (diffract\$4 or resona \$5))) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/20 14:24 |
| L20 | 266 | (propagat \$4 near4 (valu \$2 or const ant \$2 or f act or \$2)) and (((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4)) with ref lect \$4) same ((grid\$2 or grating\$2) near4 (diffract\$4 or resona \$5))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR |) N | 2010/01/20 14:58 |

| L21 | 4 | (((color or wavelengt h\$) wit h filt er\$4) and (propagat \$4 near4 (valu \$2 or const ant \$2 or fact or\$2)) and (((waveguid\$4 or wave? guid\$4))) same ((grid\$2 or grating\$2) near4 (diffract\$4 or resona \$5))) and reflect\$4). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | | 2010/01/20 15:08 |
|-----|------|--|--|----|--------|--------------------|
| L22 | 69 | (((color or wavelength\$) with filter\$4) and (((waveguid\$4 or wave? guid\$4 or (wave near3 guid\$4))) same ((grid\$2 or grating\$2) near4 (diffract\$4 or resona \$5))) and reflect\$4). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | Z 0 | 2010/01/20 15:09 |
| S1 | 5998 | ((359/566) or (359/558) or (359/569) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576) or (359/486) or (359/350) or (359/352) or (359/359)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/08 11:51 |
| S2 | 18 | S1 and ((subwavelengt h or sub?wavelengt h or (sub near 3 wavelengt h)) wit h grating\$2) and (reflect\$4 near5 filter \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/ 10/ 08 11:53 |
| S3 | 141 | (359/574).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/ 10/ 08 11:53 |
| S4 | 260 | S1 and (grating\$2 same resona\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/ 10/ 08 12:08 |
| S5 | 2 | ("6884500").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/ 10/ 08 12:14 |
| S6 | 119 | S1 and ((subwavelengt h or sub?wavelengt h or (sub near3 wavelengt h)) wit h gr at ing\$2) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/ 10/ 08 12:39 |

| S7 | 7 | (aztec near4 grating\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/ 10/ 08 13:03 |
|-----|------|---|--|----|----|--------------------|
| S8 | 61 | S1 and ((subwavelengt h or sub?wavelengt h or (sub near3 wavelengt h)) with period\$6) and width \$2 | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/10/08 13:05 |
| S9 | 28 | S1 and ((subwavelengt h or sub?wavelengt h or ((less or sub) near3 wavelengt h))) and ((vary \$3 or variabl\$2) near4 widt h\$2) | US-RGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/10/08 14:20 |
| S10 | 10 | S1 and ((subwavelengt h or sub?wavelengt h or ((less or sub) near3 wavelengt h))) and ((vary \$3 or variabl\$2) near4 groov\$2) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/10/08 14:32 |
| S11 | 3 | S1 and (subwavelengt h or sub?wavelengt h or ((less or sub) near3 wavelengt h)) and (groov \$2 wit h protru\$5) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/ 10/ 08 14:34 |
| S12 | 1580 | (subwavelengt h or sub? wavelengt h or ((less or sub) near 3 wavelengt h)) near 5 (grid\$2 or grating \$2) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/ 10/ 08 14:35 |
| S13 | 362 | S12 and (resona\$5 with reflect\$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/ 10/ 08 14:36 |
| S14 | 1499 | ((waveguid\$4 or subwavelength or sub? wavelength or ((less or sub) near3 wavelength)) near5 (grid\$2 or grating \$2)) with resona\$5 | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/10/08 16:06 |
| S15 | 556 | ((waveguid\$4 or subwavelength or sub? wavelength or ((less or sub) near3 wavelength)) near5 (grid\$2 or grating \$2)) with resona\$5 with ref lect\$ | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/10/08 16:07 |
| S16 | 61 | S15 and (inver\$5 with (con\$2 or pyramid\$2)) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2009/ 10/ 08 16:07 |

| S17 | 711 | ((grid\$2 or grating\$2) near5 resona\$5) and diffract\$ and (subwavelength or sub? wavelength or ((less or sub) near3 wavelength)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/ 10/ 08 16:21 |
|-----|------|---|--|----|-----|--------------------|
| S18 | 599 | S17 and (refract\$4 near3 (indi\$3 or inde \$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/ 10/ 08 16:21 |
| S19 | 2 | ("6306529").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/ 10/ 09 09:40 |
| S20 | 2 | ("5,407,738").PN | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/ 10/ 09 09:48 |
| S21 | 0 | ("lavarias").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/ 10/ 09 10:12 |
| S22 | 2 | ("6212312").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/09 10:32 |
| S23 | 6080 | ((359/566) or (359/558) or (359/569) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576) or (359/486) or (359/350) or (359/352) or (359/359)).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/01/19 16:00 |
| S24 | 19 | S23 and ((subwavelengt h or sub? wavelengt h or (sub near 3 wavelengt h)) wit h grating\$2) and (reflect \$4 near 5 filt er\$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/19 16:00 |
| S25 | 142 | (359/574).OCLS. | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | OFF | 2010/01/19 16:00 |
| S26 | 263 | S23 and (grating\$2 same resona\$5) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/19 16:00 |

| S27 | 123 | S23 and ((subwavelengt h or sub? wavelengt h or (sub near3 wavelengt h)) with grating\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 16:00 |
|-------------|------|--|--|----|------------|----------------------|
| S28 | 7 | (aztec near4 grating\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 16:00 |
| S29 | 64 | S23 and ((subwavelengt h or sub? wavelengt h or (sub near3 wavelengt h)) wit h period\$6) and widt h\$2 | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 20 10/ 0 1/ 19 16:00 |
| S30 | 31 | S23 and ((subwavelengt h or sub? wavelengt h or ((less or sub) near3 wavelengt h))) and ((vary\$3 or variabl \$2) near4 widt h\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | 0 N | 2010/01/19 16:00 |
| S31 | 10 | S23 and ((subwavelengt h or sub? wavelengt h or ((less or sub) near3 wavelengt h))) and ((vary\$3 or variabl \$2) near4 groov\$2) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/19 16:00 |
| S 32 | 3 | S23 and (subwavelength or sub?wavelength or ((less or sub) near3 wavelength)) and (groov \$2 with protru\$5) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/19 16:00 |
| S33 | 1626 | (subwavelengt h or sub? wavelengt h or ((less or sub) near3 wavelengt h)) near5 (grid\$2 or grating \$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 16:01 |
| S34 | 377 | S33 and (resona\$5 with ref lect \$4) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/19 16:01 |
| S35 | 578 | ((waveguid\$4 or subwavelengt h or sub? wavelengt h or ((less or sub) near3 wavelengt h)) near5 (grid\$2 or grating \$2)) wit h resona\$5 wit h ref lect\$ | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/19 16:01 |
| S36 | 64 | S35 and (inver\$5 with (con\$2 or pyramid\$2)) | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/19 16:01 |

| S37 | | near5 resona\$5) and diffract\$ and (subwavelength or sub? | US-PGPUB; USPAT; USOCR; EPO; J PO; DERWENT; I BM_TDB | OR | ON | 2010/01/19 16:01 |
|-----|-----|--|--|----|----|------------------|
| S38 | 620 | , , | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/19 16:01 |

EAST Search History (Interference)

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1/20/2010 3:14:01 PM

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